Statewide Interoperability Executive Committee (SIEC)

700 MHz Regional Plan Interoperability Channels

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Outline

- Workgroup Process

- Evaluation Items

- Workgroup Recommendations

- Discussion/Action

- Developing Additional Standards

- Discussion on Additional Standards and Next Steps

Request for Recommendations

- Adoption of the 700 MHz proposed nomenclature

- Whether to designate specific uses for the General Public Safety Service channels

- Whether to designate specific uses for the two calling channels, i.e. geographic, primary/secondary

Workgroup Process

- The issues the SIEC asked the Workgroups to evaluate and the recommendation requested were sent in a document to the Workgroups.

- The Workgroup members were asked to respond via email.

- The email responses were summarized into three areas

  1) items on which there was consensus and no further discussion was needed

  2) items needing discussion because there were differences of opinion, and

  3) items that workgroup member suggested should be addressed in addition to those referred by the SIEC.

- The summary document and agenda for the teleconference was emailed to all Workgroup members

- The teleconference was held and consensus was reached on the items to be presented today.

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Btype##M

B = Spectrum Band = 7 (700 MHz Public Safety Narrowband Voice Band (769-775 / 799-805 MHz)

Type = Channel Use Designator = three or four-place tag signifying the primary purpose of operations on the channel, eg. CALL, FIRE, LAW*

= Unique Channel Identifies = numeric one or two place tag = 50-89 for 700 MHz

M = Modifer = D for Direct or "Talk around" use (Simplex operations)

*Short Form names not applicable to the 700 MHz Band since equipment for this band is new

Workgroup Evaluations

- Impact of adopting standard channel nomenclature on existing Arizona naming conventions
  - **Minimal, as establishment and use of 700 MHz channels is in its infancy**
- Impact of adopting standard channel nomenclature on other frequency bands
  - **Positive, since it is consistent with tools like the National Interoperability Field Operations Guide and the National Emergency Communications Plan**
- Impact of deviating from the standard nomenclature
  - **Should not deviate from the standard nomenclature**
- How to get input from the user community and workgroups
  - **Via the GITA/SIEC website and teleconferences**

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Recommendations

1. Adopt the proposed national standard 700 MHz nomenclature, retaining the proposed standard nomenclature for the General Public Safety Service channels.

2. Adopt the recommended Network Access Code $293 for all digital operations on FCC-designated Interoperability Channels.

3. Recommend that 7CALL50D be the primary calling channel and 7CALL70D be the secondary calling channel. Recommend that users first attempt to call in simplex mode and then in repeater mode.

4. Recommend that both repeated and simplex channels be programmed into radios to assure that the national standard nomenclature is followed.

5. Recommend that the national interoperable channels be programmed into a distinctly identified area (i.e. zone, bank, deck).

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Discussion/Action on Recommendations

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Developing Additional Standards

Minimum Programming Standard

- Since programming all 700 MHz interoperability channels is not possible or practical on radios with limited capacity, a statewide standard recommending a minimum number of specific 700 MHz national interoperability channels to be programmed is needed.

- One proposed configuration specifies programming of eight channels in both repeater and simplex modes:

  - Two Calling Channels

  - Two General Public Safety Service channels

  - Two Mobile Repeater Channels

  - Two Other Public Service channels

- Other configurations could be considered

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- Recommend primary and secondary "General Public Safety Service" channels so that users "know where to start".

- Recommend how command interoperability with secondary responder organizations (i.e., Red Cross, Transportation, Pet Rescue) should be accomplished. The "Other Public Service" channels (7GTAC77 and 7GTAC77D) are suggested.

- Establish statewide standards for secondary trunked use of General Public Safety Service channels, i.e. consistent system keys, IDs, trunking personalities.

- Development of procedures outlining how the SIEC and the RPC interface to administer the 700 MHz national interoperability channels

Other Recommendations Needed?

Next Steps?
Thank you.